

Australian Standard[®]

**Approval and test specification—
Electrically operated projectors
for household and similar use**

This Australian Standard was prepared by Committee EL/2, Electrical Approval Standards. It was approved on behalf of the Council of Standards Australia on 13 June 1995 and published on 5 September 1995.

The following interests are represented on Committee EL/2:

Association of Certification Bodies, Australia
Association of New Zealand Electrical Appliance Distributors
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Electronics Suppliers Association, Australia
Electrical regulatory authorities
Electrical Supply Association of Australia
Electricity Supply Association, New Zealand
Electrical test laboratories
Federal Bureau of Consumer Affairs, Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/2 on Electrical Approvals Standards to supersede AS 3181—1986.

This Standard is the result of a consensus among Australian and New Zealand representatives on the Joint Committee to produce this document as an Australian Standard. However, the publishing of a Joint Standard will be considered during the next revision.

This Standard is one of a series of Approval and Test Specifications issued by Standards Australia and Standards New Zealand. In Australia, these Standards are to be read in conjunction with AS 3100, *Approval and test specification—General requirements for electrical equipment*. The objective of these Standards is to outline the conditions which must be met to secure approval for the sale and use of electrical equipment. Only safety matters and related conditions are covered.

This Standard was revised to incorporate Amendment No. 1 to AS 3181—1986 and to effect change to Clause 5.1 for type of attachment.

This Standard supersedes AS 3181—1986 from date of publication.

This Standard does not provide all the necessary conditions for a contract.

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STANDARDS AUSTRALIA

Australian Standard

Approval and test specification—
Electrically operated projectors for household and similar use

1 SCOPE This Standard applies to household electric projectors as defined in Clause 2 below and designed for operation at low voltage.

For the purpose of this Standard an electrically operated projector for household and similar use is called a projector.

2 APPLICATION

2.1 General requirements of AS 3100 This Standard shall be read in conjunction with AS 3100 and the appropriate provisions of AS 3100 shall apply to the construction of the projector and the insulation and safeguarding of parts which normally carry current.

2.2 Specific requirements of this Standard A projector shall be deemed to comply with this Standard only if it complies with all the requirements of this Standard and passes the relevant tests specified herein.

2.3 Requirements of other Standards Components incorporated in a projector upon which safety depends shall comply with the appropriate requirements of any relevant approval and test specification unless such requirements are varied herein.

2.4 Electronic equipment Electronic sound and control equipment incorporated with the projector shall comply with the requirements of AS 3250.

3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

APPROVAL AND TEST SPECIFICATIONS

AS

- | | |
|--------|---|
| 3100 | General requirements for electrical equipment |
| 3109 | Appliance couplers for household and similar general purposes |
| 3109.1 | Part 1: General requirements |
| 3117 | Bayonet lampholders |
| 3140 | Edison-type screw lampholders |
| 3145 | Radio interference suppression devices |
| 3191 | Electric flexible cords |
| 3250 | Mains operated electronic and related equipment for household and similar general use |

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| 3108 | Particular requirements for isolating transformers and safety isolating transformers. |
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